



Thinvent Aero Mini PC

Intel Core i3-1315U processor

6 core, up to 4.5 GHz, 10 MB cache

8GB DDR4 RAM

1TB SSD

No WiFi

Without OS

SKU: AERO-I3_13-8-M1024-12_5-X-W_OS-0



Thinvent® Aero Mini PC: Powerhouse Performance, Compact Design, Unrivaled Flexibility.

Experience desktop-level power in a sleek, space-saving form factor with the Thinvent® Aero Mini PC. Engineered for professionals and enthusiasts who demand uncompromising performance and reliability, this mini PC redefines efficiency, ready for your custom operating system.

Unleash Blazing Performance

- Powered by the 13th Gen Intel® Core™ i3-1315U processor, featuring 6 cores and burst speeds up to 4.5 GHz with a 10 MB cache, for seamless multitasking and demanding applications.
- Multitask effortlessly with a massive 64GB DDR4 RAM, ensuring silky-smooth operation even under heavy workloads.
- Benefit from lightning-fast boot times and rapid data access thanks to the 256GB SSD.

Robust Connectivity & Expansion

- Connect all your peripherals with an abundance of ports:

- 2x USB 3.2, 2x USB 2.0 (rear), 4x USB 2.0 (front), 1x Front USB C for unparalleled versatility.

- Dual display support with 1x HDMI and 1x VGA.
- Dedicated audio with 1x Speaker Out, 1x Mic In, 1x Front Speaker Out, 1x Front Mic In.
- Secure, high-speed networking via a 1000 Mbps Ethernet port – ideal for environments prioritizing wired stability, without built-in WiFi.

Designed for Durability & Adaptability

- Its ultra-compact 198mm × 187mm × 40mm dimensions hide a robust steel and ABS plastic housing with a sleek powder-coated black finish.
- Operated by a reliable 12V 7A adapter, with wide input power compatibility (100~275V AC) and a 2-meter cable.
- Ready for your custom setup, this unit comes Without OS, giving you complete freedom to install your preferred operating system.
- Certified for quality and environmental standards including BIS, RoHS, and ISO, operating reliably between 0°C and 35°C.



Specifications

PROCESSING

| | |
|-----------------|---------|
| Generation | 13th |
| Series | i3 |
| Processor Brand | Intel |
| Processor Model | 1315U |
| Cores | 6 |
| Max Frequency | 4.5 GHz |
| Cache | 10 MB |
| Main Memory | 8 GB |
| SSD Storage | 1024 GB |

DISPLAY

| | |
|------|---|
| HDMI | 1 |
| VGA | 1 |

AUDIO

| | |
|-------------------|---|
| Speaker Out | 1 |
| Mic In | 1 |
| Front Speaker Out | 1 |
| Front Mic In | 1 |

CONNECTIVITY

| | |
|---------------|---|
| USB 3.2 | 2 |
| USB 2.0 | 2 |
| Front USB 2.0 | 4 |
| Front USB C | 1 |

NETWORKING

| | |
|----------|-----------|
| Ethernet | 1000 Mbps |
|----------|-----------|

POWER

| | |
|--------------|--|
| DC Voltage | 12 Volts |
| DC Current | 5 Amps |
| Power Input | 100~240 Volts AC, 50~60 Hz, 1.5 Amps maximum |
| Cable Length | 2 Metre |

ENVIRONMENTAL

| | |
|-----------------------|------------------------------|
| Operating Temperature | 0°C ~ 35°C |
| Operating Humidity | 20% ~ 80% RH, non condensing |
| Certifications | BIS, RoHS, ISO |

PHYSICAL

| | |
|----------------------|-----------------------|
| Form Factor | Mini PC |
| Dimensions | 198mm × 187mm × 40mm |
| Housing Material | Steel and ABS Plastic |
| Housing Finish | Powder Coated |
| Housing Colour | Black |
| Net and Gross Weight | 1.52kg, 1.52kg |

OPERATING SYSTEM

| | |
|------------------|------------|
| Operating System | Without OS |
|------------------|------------|

Ordering Information

| PRODUCT CODE | | | | |
|--|--|---------------------|--|-----------------------|
| Aero-i3_13-[RAM]-[SSD]-12_7-[Wireless]-[OS]-[Accessories] | | | | |
| RAM | 4 = 4GB DDR4 | 8 = 8GB DDR4 | 16 = 16GB DDR4 | 32 = 32GB DDR4 |
| | 64 = 64GB DDR4 | | | |
| SSD | m128 = 128GB | | m256 = 256GB | |
| | m32 = 32GB | | m512 = 512GB | |
| | m1024 = 1TB | | S32 = 32GB MLC | |
| | S128 = 128GB | | S256 = 256GB | |
| Wireless | m = Dual Band WiFi | | X = No WiFi | |
| OS | DOS = DOS | | W_OS = Without OS | |
| | 11V = Windows 11 IoT Value | | 11P = Windows 11 Pro | |
| | Thinix = Thinix™ Embedded Linux | | U = Ubuntu Linux | |
| Accessories | 0 = None | | KM = Keyboard and Mouse set | |
| | MK = Mechanical Keyboard | | Mo = Wired Optical Scroll Mouse | |

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